

2018 Current Fiscal Year Report: U.S. Army Science Board

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1. Department or Agency

Department of Defense

2. Fiscal Year

2018

3. Committee or Subcommittee

U.S. Army Science Board

3b. GSA Committee No.

389

4. Is this New During Fiscal Year?

No

5. Current Charter

05/21/2018

6. Expected Renewal Date

05/21/2020

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Not Applicable

11. Establishment Authority Agency Authority

12. Specific Establishment Authority

Department of Defense

13. Effective Date

12/08/1977

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Scientific Technical Program Advisory Board

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open Meetings 1 17b. Closed Meetings 1 17c. Partially Closed Meetings 0 17d. Total Meetings 2

Meetings and Dates

Purpose	Start	End
The purpose of the meeting is for ASB members to collect data and hold discussions as it relates to individual study topics listed below, and to review, deliberate, and vote on the findings and recommendations presented for the study entitled: "The Future of Telemetry."	01/09/2018	01/11/2018
The purpose of the meeting is for ASB members to review, deliberate, and vote on the findings and recommendations presented for four Fiscal Year 2018 (FY18) ASB studies.	07/19/2018	07/19/2018

Number of Committee Meetings Listed: 2

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$550,000.00	\$680,000.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$316,854.00	\$411,910.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$8,844.00	\$11,500.00
18b(4). Travel and Per Diem to Non-member Consultants	\$15,000.00	\$0.00

18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$746,432.00	\$1,000,000.00
18d. Total	\$1,637,130.00	\$2,103,410.00
19. Federal Staff Support Years (FTE)	3.00	4.00

20a. How does the Committee accomplish its purpose?

The Army Science Board (ASB) through its studies provides independent advice and recommendations on scientific, technical, engineering, acquisition process, and other matters of special interest to the Department of the Army. Studies vary in looking at the short term to fifteen years into the future. The ASB focuses on developmental science and technologies that may impact the way the Army does business in the future and makes recommendations to the Secretary of the Army and the Chief of Staff. Completed reports are published on the Defense Technical Information Center (DTIC) where they are available to the public. In addition to undertaking major, year-long studies every year, the ASB conducts shorter additional studies as requested by senior Army leadership. Recommendations for studies are made to the Deputy Under Secretary of the Army who in turn generates a set of questions to be answered, a terms of reference (TOR), that are then presented to the ASB Chairman for action. Studies are sponsored by interested Army Commands (ACOMs) and Army Staff elements.

20b. How does the Committee balance its membership?

The ASB is balanced across both the technical specialties needed to perform ASB studies, and across the sector in which they work, with a view to obtaining a balance across small businesses, medium to large businesses, Federally Funded Research and Development Centers and non-profit organizations, and academia.

20c. How frequent and relevant are the Committee Meetings?

The Army Science Board holds a General Membership Meeting each year for all current members to discuss the annual study topic and form into panels to tackle the work involved in researching the issue and formulating a report. Additionally, the annual General Membership Meeting is the forum to educate new members about administrative requirements, to update member knowledge of current Army activities, hear from other Service and DoD boards, and review report findings and recommendations. Every opportunity is taken to conduct business asynchronously via e-mail. Teleconferences are also used to reduce travel costs. All physical meetings are carefully planned in advance with published agendas to ensure mission focus and judicious use of the time available.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The Secretary of Defense has determined that no other DoD advisory committee can provide the independent advice provided by the board to the Secretary of the Army on complex scientific and technical issues facing the Department of the Army.

20e. Why is it necessary to close and/or partially closed committee meetings?

Meetings are not closed to the public unless the Department of Defense determines that items on the planned agenda meet the closed meeting provisions of 5 U.S.C. § 552b(c-1). Pursuant to DoD policy, closed meetings can only be authorized by the DoD Sponsor (i.e., the Secretary of the Army), after consultation with the Office of the Army General Counsel.

21. Remarks

Annually, the Board generally holds 3 administrative and/or preparatory work meetings and 1 full Board meeting to deliberate and vote on recommendations generated by its subcommittees. As of Aug 30, 2017, there is one ongoing and the ASB completed five Fiscal Year 2017 studies. The Board provides independent advice and recommendations to the Secretary of Defense; the Secretary of the Army; the Under Secretary of the Army, the Deputy Under Secretary of the Army; and as requested, other Army organization as determined by the Office of the Secretary of the Army. The Board is not established to advise on individual DoD or Department of the Army procurements, but instead is concerned with the pressing and complex technology and business management issues facing the Department of the Army. Department of Defense (DoD) policy between fiscal year 2007 and 2011 required that subcommittee members be listed separately in the subcommittee section of GSA's Database, even if they were duly appointed members of the parent committee. This policy, in some instances, caused a duplication of entries. Beginning in fiscal year 2013, DoD will only list in the subcommittee section of GSA's Database those who are appointed to just a subcommittee. If an individual is appointed to the parent committee and to one of the committee's authorized subcommittees then his or her subcommittee affiliation will be reflected in the parent committee membership section of GSA's Database.

Designated Federal Officer

Heather J. Gerard Executive Director, Army Science Board

Committee Members	Start	End	Occupation	Member Designation
Atkins, Robert	12/12/2011	12/11/2017	MIT Lincoln Laboratories ISR & Tactical Systems, Assistant Division Head	Special Government Employee (SGE) Member
Bennett, Gisele	06/18/2013	06/17/2019	Academia	Special Government Employee (SGE) Member
Bose, Vanu	02/29/2012	11/11/2017	President and CEO, Vanu, Incorporated	Special Government Employee (SGE) Member

Braverman, Leonard	06/25/2015	06/24/2021	Senior Management Scientist	Special Government Employee (SGE) Member
Chesser, Nancy	06/22/2016	03/20/2022	Independent Consultant	Special Government Employee (SGE) Member
Dalal, Siddhartha	07/25/2013	07/06/2018	Chief Technology Officer, RAND Corporation	Special Government Employee (SGE) Member
Harp, Jill	01/27/2012	01/26/2018	Winston Salem State University, Organic Chemistry Professor	Special Government Employee (SGE) Member
Heinz, Michael	03/21/2016	03/20/2022	Consultant	Special Government Employee (SGE) Member
Isaacson, Jeffrey	01/27/2012	01/26/2018	Sandia Natl Lab, Vice President, Defense Systems & Assessments	Special Government Employee (SGE) Member
Martinez-Lopez, Lester	12/08/2011	12/07/2017	Martinez Medical Consulting, President	Special Government Employee (SGE) Member
Ramos, Thomas	11/17/2011	11/16/2017	Lawrence Livermore Laboratory, Physicist	Special Government Employee (SGE) Member
Sega, Ronald	11/01/2011	10/31/2017	Professor/Vice President	Special Government Employee (SGE) Member
Shields, James	06/21/2013	06/20/2019	President/CEO The Charles Stark Draper Laboratory, Inc	Special Government Employee (SGE) Member
Smith, Teresa	03/22/2016	03/21/2022	Director of Technology	Special Government Employee (SGE) Member
Swett, Bruce	06/22/2016	07/27/2020	Senior Director of the Advanced Research Group	Special Government Employee (SGE) Member
Tegnelia, James	01/30/2012	01/29/2018	Univ of New Mexico, Chemical & Nuclear Engineering, Research Director	Special Government Employee (SGE) Member
Warner, Grant	11/27/2012	11/26/2018	Howard Univ Dept of Engineering, Assistant Professor.	Special Government Employee (SGE) Member
Zissman, Marc	12/05/2011	12/04/2017	Assistant Head, Communication Systems and Cyber Security Division	Special Government Employee (SGE) Member
Chesser, Nancy [Basic Sciences and Disruptive Technologies]	03/21/2016	03/20/2022	Consultant	Special Government Employee (SGE) Member
Woodard, Joan [Basic Sciences and Disruptive Technologies]	06/28/2016	11/30/2018	Independent Consultant	Special Government Employee (SGE) Member
Macedonia, Michael [C4ISR]	06/26/2015	06/25/2021	Partner	Special Government Employee (SGE) Member
Yates, Mary [C4ISR]	06/29/2016	11/30/2018	Senior Advisor and Senior Chemist Argonne National Laboratory	Special Government Employee (SGE) Member

Yu, Christopher [C4ISR]	06/28/2016 06/27/2022	Internal Research and Development/Education Office Director	Special Government Employee (SGE) Member
Idar, Deanne [Systems Engineering, Integration, and Sustainment]	06/24/2016 06/23/2022	Industry	Special Government Employee (SGE) Member
Kulungowski, Margaret [Systems Engineering, Integration, and Sustainment]	06/26/2015 06/25/2018	Director, Government Relations	Special Government Employee (SGE) Member
Newstetter, Wendy [Systems Engineering, Integration, and Sustainment]	08/30/2016 03/01/2018	Director of Educational Research and Innovation	Special Government Employee (SGE) Member
Smith, Teresa [Systems Engineering, Integration, and Sustainment]	03/22/2016 03/21/2022	Director of Technology	Special Government Employee (SGE) Member
Braverman, Leonard [Weapon Systems]	06/25/2015 06/24/2021	Senior Management Scientist	Special Government Employee (SGE) Member
Fastabend, David [Weapon Systems]	06/24/2016 06/23/2022	Fastabend Solutions LLC	Special Government Employee (SGE) Member
Heinz, Michael [Weapon Systems]	03/21/2016 03/20/2022	Consultant	Special Government Employee (SGE) Member

Number of Committee Members Listed: 30

Narrative Description

The Army Science Board provides independent advice and recommendations on matters relating to the Army's scientific, technical, manufacturing, acquisition, logistics, and business management functions, as well as other Department of the Army related matters as determined by the Secretary of the Army,

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input checked="" type="checkbox"/>
Major policy changes	<input checked="" type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input checked="" type="checkbox"/>
Increased customer satisfaction	<input checked="" type="checkbox"/>
Implementation of laws or regulatory requirements	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

N/A

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

Cost Savings Comments

N/A

What is the approximate Number of recommendations produced by this committee for the life of the committee?

290

Number of Recommendations Comments

The number of recommendations to the Secretary of the Army and other study sponsors vary from year to year depending upon the number of studies conducted by the Army Science Board and the complexity of the subject matter studied. As of Sept 15, 2017, there is one ongoing Fiscal Year (FY) 2017 study. The total number of recommendations from the five separate 2017 Studies was 31.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

15%

% of Recommendations Fully Implemented Comments

Number of adopted recommendations remained to be determined. The Army Science Board (ASB) Secretariat plans to track actions taken by sponsors and commands to adopt ASB recommendations through the Army's Chief Management Officer as respective Army organization have sufficient time to implement.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

25%

% of Recommendations Partially Implemented Comments

Number of adopted recommendations remained to be determined. The Army Science Board (ASB) Secretariat plans to track actions taken by sponsors and commands to adopt ASB recommendations through the Army's Chief Management Officer as respective Army organization have sufficient time to implement.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

The Army Science Board (ASB) Secretariat receives input from the study sponsors in the Army Secretariat, Army General Staff and Army Commands regarding the ASB activities.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input checked="" type="checkbox"/>
Reallocated resources	<input checked="" type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

N/A

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

N/A

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>

Online Committee Web Site
Online GSA FACA Web Site
Publications
Other



Access Comments

N/A